



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

This wishlist was generated on 21/10/2016, and contains the following Products:

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Base Plate Tool for BS Mould

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45-6850

Breaking Head (Marshall)

24-0545/01

Semi-Automatic Cone Penetrometer

42-5305/01

Los Angeles Abrasion Machine Meets ASTM and European Standards. 220-240V 50Hz 1Ph.

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Set of 12 Abrasive Charges EN)

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10kN Flexural/Tensile Testing Machine

47-5175

Compact Core Drill

47-5565

Core Barrel 100 mm

47-5605

Core Barrel 150 mm

35-2846

200mm "Demec" Mechanical Strain Gauge

36-1410/01

**1000/500kN Motorised Compression/Tension Machine (complete with grips)
220-240V 50/60Hz 1Ph.**

27-1500/01

GDU 8 Channel Data Acquisition Unit 220-240 V 50/60 Hz, 1 Ph.

36-3320/01

**ADR Touch 3000 BS EN Compression Machine with Digital Readout and Self
Centring Platens.**

37-6130

**100kN Flexural (Beams) Frame. Supplied Without Specimen Bearers and
Fitting Kit.**

37-6138

**100kN Flexural Fitting Kit (ADR) Used for Connecting Flexural Frames to ADR
Compression Machines.**

37-6131

BS 1881 Specimen Bearer Assembly 38mm Dia X 160mm Length.

37-6133

Ball Seating Assembly 150mm Dia Platens.

35-1480

Standard Concrete Test Hammer

36-3090/01

ADR Touch 2000 Standard Compression Machine with Digital Readout.

39-0035/01

Automatic/Manual 5 litre nominal capacity Mortar Mixer

35-2302/09

Pundit Lab Ultrasonic Concrete Tester 110-240V 50/60Hz 1Ph

35-2305

Ultrasound Couplant Supplied In 250ml bottle

36-4165/01

ADR-Auto V2.0 3000 BS EN Compression Machine

78-0160

Clamped Boss Load Ring - 3.0 kN

78-0460

Clamped Boss Load Ring - 10.0 kN

78-0760

Clamped Boss Load Ring - 28.0 kN

78-0860

50kN Clamped Boss Load Ring

78-1215/01

50 Litre Drying Oven

78-1225/01

100 Litre Drying Oven

78-1235/01

150 Litre Drying Oven

78-1250/01

225 Litre Drying Oven

79-5260

8in Dia ASTM Sieve 75 Mic Stainless Steel Mesh.

79-5220

8in Dia ASTM Sieve 150 Mic Stainless Steel Mesh.

79-5140

8in Dia ASTM Sieve 600 Mic Stainless Steel Mesh.

79-5100

8in Dia ASTM Sieve 1.18mm Stainless Steel Mesh.

Contents

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79-5050

8in Dia ASTM Sieve 2.80mm Stainless Steel Mesh.

79-5020

8in Dia ASTM Sieve 4.75mm Stainless Steel Mesh.

79-5510

8in Dia ASTM Sieve 9.50mm Stainless Steel Mesh.

79-5860

12in Dia ASTM Sieve 2.36mm Stainless Steel Mesh.

79-5820

12in Dia ASTM Sieve 4.75mm Stainless Steel Mesh. Non Standard Frame.

79-6210

12in Dia ASTM Sieve 9.50mm Stainless Steel Mesh.

79-6240

12in Dia ASTM Sieve 13.2mm Stainless Steel Mesh.

79-6250

12in Dia ASTM Sieve 16.0mm Stainless Steel Mesh.

79-6260

12in Dia ASTM Sieve 19.0mm Stainless Steel Mesh.

79-6290

12in Dia ASTM Sieve 26.5mm Stainless Steel Mesh.

79-6300

12in Dia ASTM Sieve 31.5mm Stainless Steel Mesh.

79-6310

12in Dia ASTM Sieve 37.5mm Stainless Steel Mesh.

79-6340

12in Dia ASTM Sieve 53.0mm Stainless Steel Mesh.

79-6350

12in Dia ASTM Sieve 63.0mm Stainless Steel Mesh

79-6360

12in Dia ASTM Sieve 75.0mm Stainless Steel Mesh.

79-6370

12in Dia ASTM Sieve 90.0mm Stainless Steel Mesh. Non Standard Frame.

34-3540/01

ELE Concrete Mixer 56/40 Litre Capacity.



Pendulum Skid Resistance Tester

Code: 42-6000

Product Group: [Skid Resistance Testing](#), [Skid Resistance Testing](#)

The Pendulum Skid Resistance Tester was originally designed in the 1940s in the USA, and further developed in the 1960s at the TRL (Transport Research Laboratory) for the testing of road surfaces.

The device measures the frictional resistance between a rubber slider mounted on the end of a pendulum arm and the surface to be tested. This provides road engineers with a method of checking the resistance of wet and dry surfaces to slipping and skidding, both in the lab and insitu.

It operates by a pendulum rotating about a spindle which is attached to a vertical pillar. At the end of the tubular arm a head of known mass is fitted with a rubber slider. The pendulum is released from a horizontal position so that it strikes the sample surface at a constant speed. The distance travelled by the head after hitting the sample is determined by the friction of the sample surface.

Further Information

Applications:

- Assessment of surface friction and skid resistance properties
- Testing of aggregates in the PSV (Polished Stone Value) test
- Testing of new road surface materials
- Testing of pedestrian pavements
- RTA (road traffic accidents)
- Litigation investigations

Features:

- Designed for lab and on site road surface testing
- Factory calibrated to EN1097-8
- Low friction arm, and lightweight pointer
- Supplied with 'F' scale for use with small slider set for 76mm slide length (PSV test)
- Highly repeatable
- Supplied with carrying case

Specification

Dimensions (WxDxH)	695 x 295 x 695 mm
Volume	0.15m3
Weight	30 kg





ELE Sieve Shaker

Code: [80-0200/01](#)

Product Group: [ELE Sieve Shaker](#)

The ELE sieve shaker is powered by an electromagnetic drive that has no rotating parts to wear making it maintenance free and extremely quiet in operation.

The unit features a triple Vertical-Lateral-Rotary vibrating action that moves the sample over the sieve producing faster more efficient sieving, while the rapid vertical movements also help keep the apertures from blinding.

The shaker is ideal for laboratory or on site use. It is robust, compact and sufficiently lightweight to be portable. The separate digital microprocessor controlled console unit incorporates a keypad for setting the sieving program and is isolated from any effects of vibration from the shaker.

As standard the shaker includes, timer 0-999 minutes, adjustable vibration intensity and adjustable intermittent or continuous operation.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

The unit accepts up to ten 200 mm or 8 inch, full height, diameter sieves and lid and receiver, or up to six 300 mm or 12 inch diameter sieves and lid and receiver. Complete as specified. Dimensions (l x w x h) 380 x 440 x 1085 mm. For 220 - 240 V AC, 50 Hz 1ph.



Cleveland Flash Cup Apparatus

Code: [46-3310/01](#)

Product Group: [Cleveland Flash Cup Apparatus](#)

The ELE Semi-Automatic Cleveland Open Cup flashpoint Tester is equipped with an electrically heated cup (with a variable control to set temperature rise rate), a button operated and electrically driven sweep arm and a test flame for use on natural gas. Bench mounted, the unit is incorporated in an easy to clean stainless steel case.

Standards

BS 2000-36, EN ISO 2592, ASTM D92, IP 36

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

For 220 - 240 V AC, 50 - 60 Hz, 1 ph.

Specification

Temperature Range	Ambient to 400°C
Power	500 W maximum
Ramp rate	Variable, manually controlled
Voltage	220/240 V, 50/60 Hz
Size (HxWxD)	33 x 31 x 29 cm
Weight	6.5 kg



30 L Heating Bath with Led Display Cover

Code: [45-6550/01](#)

Product Group: [Accessories for manual and automatic compaction](#)

Standards

BS 2000-49, EN 1426, EN 13179-2, ASTM D5, AASHTO T49, IP 49

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Distilled Water Still

Code: [82-8020/01](#)

Product Group: [Distilled Water Still](#)

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Specification

Dimensions (l x w x h)	590 x 530 x 940 mm
Boiling chamber	Glass
Condenser	Borosilicate glass
Output	3.5 litres/hr when permanently connected to water supply
Electrical supply	220 – 240 V AC, 50 - 60 Hz, 1 ph
Rated power	2.75 kW
Weight	12 kg



Cbr-Test 50 Machine 50kN Capacity BS and ASTM Supplied with Stabilising Bar.

Code: [24-9150/01](#)

Product Group: [CBR Load Frames](#)

- Single speed machine (BS/EN and ASTM)
- Rapid platen adjustment
- Complete with stabilising bar
- Compact, bench-mounting design
- Options for mechanical or electronic measurement

Designed for performing laboratory CBR tests to BS 1377, EN13286-47 and ASTM D1883, this bench mounting machine comprises a twin column frame incorporating a motorised drive system. Rapid adjustment of the platen is provided, which enables daylight to be taken up quickly and also close control of application of a seating load.

Standards

BS 1377, BS 1924, EN 13286-47, ASTM D1883, AASHTO T193

Specification

Dimensions (l x w x h)	550 x 400 x 1220 mm
Max vertical clearance	800 mm
Horizontal clearance	255 mm
Platen diameter	133 mm
Platen travel	105 mm
Weight kg	80



Penetration Piston

Code: [24-9182](#)

Product Group: [Penetration Measurement](#)

1.935 mm² (3 in²) area foot of case hardened steel.
Designed to fit all ELE load rings.



Penetration Dial Gauge BS

Code: [24-9186](#)

Product Group: [In-situ CBR](#), [Conversion of In-situ to Laboratory CBR](#), [Penetration Measurement](#)

Complete with rack extensions and chisel edge anvil. 25 mm travel x 0.01 mm divisions.

Standards

BS 1377, BS 1924



Bracket and Adaptor. Dual Purpose Mounting Bracket for CBR Penetration Gauges EL24-9184/EL24-9186

Code: [24-9188](#)

Product Group: [In-situ CBR](#), [Conversion of In-situ to Laboratory CBR](#), [Penetration Measurement](#)

Dual purpose mounting bracket for CBR penetration dial gauges. Allows gauge to be fixed to penetration piston or load ring.

Standards

BS 1377, BS 1924



BS Cbr Mould Body.

Code: [24-9198](#)

Product Group: [BS EN CBR mould, Accessories for BS compaction and CBR](#)

Standards

ASTM D1883, AASHTO T193

Specification

Mould	152 x 127 mm (inside diameter x height)
Collar	51 mm height, fits both ends of mould
Base plate	Solid, fits both ends of mould
Construction	All steel, plated
Weight kg	7.3



BS Extension Collar

Code: [24-9200](#)

Product Group: [BS EN CBR mould accessories](#),
[Accessories for BS compaction and CBR](#)

Standards

EN 13286-4, BS 1377-4, BS 1924-2



BS Solid Base or Top Plate

Code: [24-9204](#)

Product Group: [BS EN CBR mould accessories](#),
[Accessories for BS compaction and CBR](#)

Standards

EN 13286-4, BS 1377-4, BS 1924-2



BS Perforated Base Plate.

Code: [24-9202](#)

Product Group: [BS EN CBR mould accessories](#)

To fit mould body

Standards

EN 13286-4, BS 1377-4, BS 1924-2



Cbr Cutting Collar with Area Ratio of 21.9% to Fit BS Moulds.

Code: [24-9206](#)

Product Group: [BS EN CBR mould accessories](#)

To fit BS/EN mould body.

Standards

EN 13286-4, BS 1377-4, BS 1924-2



C-Spanner for BS Cbr Mould. Two Required.

Code: [24-9208](#)

Product Group: [BS EN CBR mould accessories](#)

To fit BS/EN CBR moulds and collars. Two required.

Standards

BS 1377-4, BS 1924-2, EN 13286-4



Base Plate Tool for BS Mould

Code: [24-9210](#)

Product Group: [BS EN CBR mould accessories](#)

To fit into base plate to assist removal from mould body.

Standards

EN 13286-4, BS 1377-4, BS 1924-2



Static Compaction Plug.

Code: [24-9212](#)

Product Group: [BS EN CBR mould accessories](#)

Steel, 150 mm dia x 51 mm thick. Complete with removable handle.

Standards

EN 13286-4, BS 1377-4, BS 1924-2



2Kg Annular Surcharge Weight

Code: [24-9214](#)

Product Group: [BS EN CBR mould accessories](#)

Standards

EN 13286-4, BS 1377-4, BS 1924-2



2Kg Split Surcharge Weight.

Code: [24-9216](#)

Product Group: [BS EN CBR mould accessories](#)

Standards

EN 13286-4, BS 1377-4, BS 1924-2



Filter Papers 150mm Dia Equivalent to Whatman No 1. Box of 100.

Code: [24-9220](#)

Product Group: [BS EN CBR mould accessories](#)

Box of 100.

Standards

EN 13286-4, BS 1377-4, BS 1924-2



Marshall Test 50

Code: [45-6810/01](#)

Product Group: [Marshall Load Frames](#)

- Geared screwjack and motor drive
- Precise speed
- Internal limit switch for both directions of travel
- Easy to use controls

This bench-mounting mechanical load frame is ruggedly constructed to encompass the strain and loads involved with the test. The unit is compact in size and can be quickly installed on a bench top, requiring only a power point. It has been designed for simple operation, is easy to clean and requires minimum maintenance.

Standards

EN 12697-34

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Load frame, 50 kN capacity. Supplied without Breaking Head. For 220 - 240 V AC, 50 Hz, 1 ph.



Flow Meter BS/EN

Code: [45-6880](#)

Product Group: [Accessories for the Marshall test](#)

Dial gauge graduated 0.01 mm with 25 mm travel.
Supplied with stem brake unit and flow meter pedestal.

Standards

EN 12697-34

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Breaking Head (Marshall)

Code: 45-6850

Product Group: [Accessories for the Marshall test](#)

Complete with gauge disc. Supplied without flow meter.

Standards

EN 12697-34



Semi-Automatic Cone Penetrometer

Code: [24-0545/01](#)

Product Group: [Semi-Automatic Cone Penetrometer](#),
[Semi-Automatic Cone Penetrometer](#)

Bench mounted apparatus to determine the liquid limit of soils to BS1377. This method is applicable to a wide range of soils. The apparatus is fitted with a 150mm diameter dial indicator for direct reading of penetration. Supplied complete with 30deg, 30mm long test cone. Manufactured from stainless steel and includes adjustable levelling feet.

Incorporates Digital Automatic controller, which releases the plunger head and ensures free falling of the penetration device during the test. The time set is displayed by a bright easy to read display.

Standards

BS 1377, BS 1924-2, EN 1997-2

Specification

Dial Indicator	150 mm diameter graduated in 400 x 0.1 mm divisions. Indicator incorporates a friction/gear system.
Height	Adjustable using rapid integral clamping mechanism.
Cone Release Cone	Semi-Automatic 1 x 30°, 35 mm test cone included.
Base	Cast aluminum with adjustable leveling feet.
Weight	Net 19 lbs. (8.64 kg).

Spares/Consumables



Penetration Test Cone

Code: [24-0544](#)



Los Angeles Abrasion Machine Meets ASTM and European Standards. 220-240V 50Hz 1Ph.

Code: [42-5305/01](#)

Product Group: [Los Angeles Abrasion Machine](#), [Los Angeles Abrasion Machine](#)

The machine consists of a closed hollow cylindrical steel drum rotating around its horizontal axis on ball bearing units mounted on a sturdy base framework.

The drum is driven at a speed of between 30 - 33 rpm via an enclosed belt drive arrangement from an electric motor/gearbox unit situated on the base frame. Inside the drum a full length steel shelf is attached, accessed by a dust-proof opening.

The cylinder incorporates a removable internal shelf, one shelf position is provided to meet the requirements of both the ASTM and EN test standards.

Controls are located easily on the right-hand side of the machine at convenient operator height.

Start and stop push buttons and a subtracting revolution counter allows the user to preset the number of revolutions before an automatic stop.

Standards

EN 1097-2, ASTM C131, ASTM C535, AASHTO T96, NF P18-573

Further Information

Less charges. For 220 - 240 V AC, 50 Hz, 1ph.

Specification

Capacity	5,000 g each of aggregate and charge.
Drum Speed	30-33 rpm.
Frame	Welded structural steel.
Counter	Adjustable; automatic shut-off; push-button reset and adjustment.
Controls	Magnetic motor starter with overload protection and integral On-Off switches.
Dimensions	38.6" w. x 36.2" d. x 38.6" h. (980 x 920 x 980 mm).
Weight	Net 882 lbs. (400 kg).

Product Sheet

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Motor

1 HP



Set of 12 Abrasive Charges EN)

Code: [42-5305/10](#)

Product Group: [Los Angeles Abrasion Machine](#)

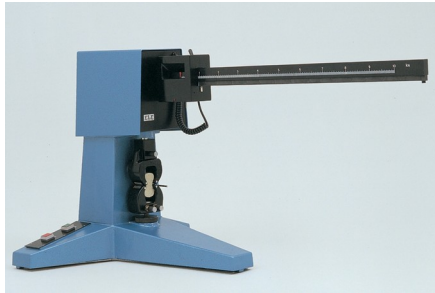
EN Set of 12.

Standards

EN 1097-2, ASTM C131, ASTM C535

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



10kN Flexural/Tensile Testing Machine

Code: 39-7100/01

Product Group: 10 kN Flexural/ Tensile Testing Machine

This single lever machine is designed for flexural tests on 40.1 x 40 x 160 mm mortar prisms and tensile tests on mortar briquettes. The rate of applied loading for flexural testing is to EN196-1. Load is applied by a weight travelling along the beam at a constant rate, driven by a motor/gearbox. Readings are made by means of a cursor visible through a window in the moving weight. Failure of a specimen triggers a switch mechanism and brings the weight to a halt immediately. To prevent overloading, a sensor is incorporated in the weight and automatically stops the machine at its maximum capacity of 10 kN. Supplied complete with flexural and tensile jaws.

Standards

EN 196-1

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

For 220 - 240 V AC, 50 Hz, 1 ph.



Compact Core Drill

Code: 47-5175

Product Group: Compact Core Drill Machine

This compact and portable core drilling machine is designed to cut cores up to 150 mm diameter from concrete, asphalt and similar hard construction material.

The machine comprises a vertical support column which carries the drill head/motor assembly.

An integral water swivel is built into the drill head providing a 12 mm connection to an external water supply via 12 mm flexible hose (not supplied). The motor assembly comprises a 4 hp, 2-stroke petrol engine. Speeds of 800 rpm or 1200 rpm may be selected. A ball screw mechanism enables close control over drilling pressure and rapid return when drilling is completed.

The complete assembly is supplied on a rigid metal base frame with levelling facility and is suitable for vertically down drilling applications only.

Standards

EN 12697-32, EN 13280-4, BS 598-104

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Special Note: Requires a continuous clean water supply via a 12 mm flexible hose (not supplied).



Core Barrel 100 mm

Code: [47-5565](#)

Product Group: [Core Barrels](#)

Standards

EN 12697-32, EN 13280-4, BS 598-104

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Core Barrel 150 mm

Code: [47-5605](#)

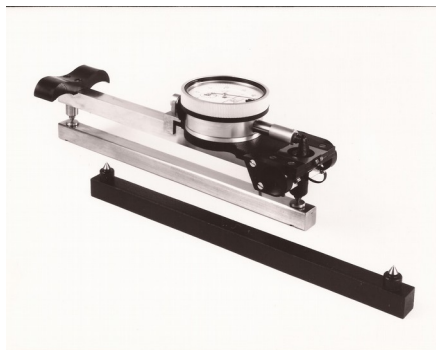
Product Group: [Core Barrels](#)

Standards

EN 12697-32, EN 13280-4, BS 598-104

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



200mm "Demec" Mechanical Strain Gauge

Code: [35-2846](#)

Product Group: [Strain Gauge](#)

This gauge is ideal for monitoring cracks and strains in a number of structure types.

Standards

BS 1881-206



1000/500kN Motorised Compression/Tension Machine (complete with grips) 220-240V 50/60Hz 1Ph.

Code: 36-1410/01

Product Group: [Compression Tension Machine](#)

- Compression testing of concrete cubes and cylinders
- Calibration in compression is accurate to 1% of indicated load, satisfying BS EN ISO 7500-1; ASTM E4
- Self-aligning upper platen for compression tests
- Easily fitted grips for tension testing

The load frame is of high quality steel construction with a fixed upper head carrying a ball-seated platen. The ram carrying the lower platen is contained in the base of the frame and is protected by a shroud. Sufficient clearance between the platens allows the compression testing of concrete cylinders up to 160 mm diameter by 320 mm long. To allow for the compression testing of concrete cubes, a range of distance pieces is available.

Tension tests on steel reinforcing bars are conducted by replacing the platens with special grips. As standard the machine is supplied with the following size grips for testing bars, 10 mm, 12 mm, 20 mm, and 25 mm diameter. The machine is motorised, incorporating a change-over lever to select either compression or tension output from the pump.

Standards

BS EN ISO 7500-1, ASTM E4

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

220-240V 50/60 Hz 1Ph.



GDU 8 Channel Data Acquisition Unit 220-240 V 50/60 Hz, 1 Ph.

Code: 27-1500/01

Product Group: Data Logging with the GDU, Geotechnical Data Acquisition Unit (GDU), Automatic Data Acquisition - CBR, Automatic Data Acquisition - Triaxial, Automatic Data Acquisition - Consolidation, Automatic Data Acquisition - Direct Shear

The GDU is a stand-alone, multi-tasking, multi-channel data logger, that is reliable and powerful, enabling it to co-ordinate test data from the range of ELE transducers required for various test methods.

The ELE Geotechnical Software package (DS7.1), in conjunction with the GDU and a range of transducers, are the two central components required to create a modern turnkey soil testing system. Being fully modular it can be adapted to a wide range of soil testing laboratory configurations.

- For performing CBR, Consolidation, Direct/Residual Shear and Total & Effective Stress Triaxial tests
- 8 Channels expandable to 32 for performing multiple, concurrent tests for cost savings
- Independent signal conditioning on each channel to maintain data accuracy
- Field-upgradeable software, meaning no downtime for future software and functionality upgrades
- Extended warranty.

Specification

Case	Aluminum, free standing; houses power supply, analog to digital conversion module and an 8-channel analog input module with transducer energization.
Sockets	Standard 5-pin DIN type.
Input Range	± 5 volts to ± 10 mV full scale.
Transducer Supply	10vDC.
Dimensions	12.8" w. x 14.3" d. x 6.1" h. (325 x 363 x 155 mm).
Weight	Net 14.08 lbs. (6.4 kg).



ADR Touch 3000 BS EN Compression Machine with Digital Readout and Self Centring Platens.

Code: [36-3320/01](#)

Product Group: [BS EN Compression Machines](#)

The ADR Touch range of 2000 kN and 3000 kN capacity compression machines has been designed to meet the need for reliable and consistent testing. The load frame is a welded steel fabrication carrying the ball-seated upper platen. Positively located on the loading ram, which is protected from debris by a flexible cover, the lower platen is marked for the centring of cube and cylinder specimens. Self-centring lower platens for cube location are supplied as standard on EN machines and are available as an optional extra on the standard machine. The two machines for cube testing to EN standards are assembled and aligned using a special compression frame stability tester.

The dimensions of the frame allow the testing of concrete cylinders up to 320 mm long x 160 mm diameter, 150 and 100 mm square cubes, and on EN/BS machines, 200 mm square cubes. Kerbs and flagstones may also be tested on ADR machines as well as 150 mm and 100 mm square section beams to ASTM C78 using the optional 100 kN flexural frames which are connected to the power pack.

Standards

EN 12350-6, NF P18-411

Further Information

****Not available for sale in the USA****

ADR Touch BS EN 2000 and 3000 kN compression machines are supplied complete with self-centring lower platen and safety gates fitted with interlock switches ready for testing 300 x 150 mm diameter cylinders.

Whilst delivering all the features and reputation of the established ADR Series with its extensive design history, the new and improved user interface provides a high quality platform for testing that enhances the performance of ELE's compression machines.

New, sophisticated electronics further the benefits of simplified operation, whilst delivering the highest levels of accuracy in testing concrete and cement/mortar samples, satisfying the needs of Quality Control Managers, Lab Managers and Technicians.

ACCURACY & SAVINGS

The new ADR Touch Series, with 145mm (5.7") high resolution QVGA touch screen interface and intuitive menu-driven operation, reduces the time taken to set up the machine and perform tests, reducing the time to train staff by up to 25%.

- Up to 6 sample types can be set as favorites, enabling one-touch set up for repeat testing.
- Full, QWERTY touch pad for input of test data.

Most testing errors produce lower strength results. Noncompliant loading rates can generate errors in measured strength. The user interface includes real-time display of load vs. time, further ensuring accurate and consistent test results and providing "goodness of test" data to improve traceability in your QC operations.

TRACEABILITY & DATA QUALITY

The ADR range now provides improved data quality and traceability in due diligence cases - it is now possible to demonstrate traceability all the way from the machine/user to the accreditation body, increasing your reputation and peace of mind - all test results now come complete with the machine serial number attached.

- Enhanced USB data communications between PC and machine - eliminating the need for download software.
- Two gigabytes of storage memory.
- Full customization of sample sizes - stress calculations are automatically recalculated.

USER SAFETY

With full safety gates as standard, total systems diagnostics, ram run-out switches and overload warnings ensure the safety of your employees and the reliability of your machine.

Specification

Testing Standards	BS EN 12390-4, BS EN 12390-3, BS EN 12390-4, BS EN 12390-5, EN 12504-1, EN 1354, EN 1521, EN 3161, EN 1338, EN 772-6, EN 13286-41, BS 3892-3, BS 187, BS 6717, BS EN ISO 7500-1, ASTM E4
Capacity	3000 kN
Cubes (Concrete)	Up to 200 mm
Cylinders (Concrete)	Up to 160 x 320 mm
Blocks	Via optional Platen Handling System
Flexural Testing	Via Flexural Frame
TFV and ACV	Yes
Voltage Supply	220-240V 50/60 Hz 1Ph.
Frame Class (Stability)	Tested
Frame Type	Welded
Max vert. Clearance	340 mm
Max hor. Clearance	310 mm
Platen Sizes	Lower 220mm sq, Upper 300mm dia
Max Ram Travel	50 mm

Spares/Consumables



Pressure transducer, 0-700bar, 0.05 to 10v DC Output

Code: [6014A0062](#)



100kN Flexural (Beams) Frame. Supplied Without Specimen Bearers and Fitting Kit.

Code: 37-6130

Product Group: [Flexural Testing for Beams](#)

- Open sided for ease of specimen loading
- Meets EN 12390-5, 1521, 13161, 772-6 and ASTM C78 for standard section beams
- Optional ball seating assembly

This rigidly constructed, open sided frame is suitable for testing 100 mm and 150 mm square-section beams. The frame supports a hydraulic ram and upper sub-platen assembly incorporating a spherical seating. The upper and lower sub-platens will accept various specimen loading bearers, which are supplied separately.

Standards

BS 1881-118, EN 12390-5

Further Information

Not available for sale in the USA



100kN Flexural Fitting Kit (ADR) Used for Connecting Flexural Frames to ADR Compression Machines.

Code: [37-6138](#)

Product Group: [Accessories to connect ELE compression machines to the flexural/transverse frames](#)

These flexural frames can be used with a wide range of ELE compression machines. Simply select one of two fitting kits designed to link the flexural frame to either the ADR-Auto range of compression machines or any other ADR compression machine.

Further Information

Not available for sale in the USA



BS 1881 Specimen Bearer Assembly 38mm Dia X 160mm Length.

Code: [37-6131](#)

Product Group: [Flexural Testing for Beams](#)

Comprising 2 self-aligning upper bearers, 1 self-aligning and 1 fixed lower bearer. Roller bearers are 38 mm diameter x 160 mm long. Suitable for 3- or 4-point flexural testing of beams.

Standards

BS 1881-118, EN 12390-5

Further Information

****Not available for sale in the USA****



Ball Seating Assembly 150mm Dia Platens.

Code: [37-6133](#)

Product Group: [Flexural Testing for Beams](#)

Comprising a ball seating assembly with 150 mm diameter platen and a lower platen 150 mm diameter x 16 mm thick. Suitable for testing low-strength specimens.

Further Information

****Not available for sale in the USA****



Standard Concrete Test Hammer

Code: [35-1480](#)
Product Group: [Concrete Test Hammer, Surface Hardness](#)

The hammer is intended for testing the quality of concrete in finished structures such as buildings and bridges. Supplied complete with carrying case and carborundum stone, the hammer is suitable for testing concrete with compressive strengths of 10 to 70 N/mm2.

Standards

ASTM C805

Specification

Body	Includes indicator scale, calibration curves.
Calibration Curves	Rebound number vs. compressive strength.
Rubbing Stone	Prepares test surface.
Accuracy	Within 15 %.
Carrying Case	Plastic.
Weight	Net 3 lbs. (1.4 kg).

Spares/Consumables



Rubbing Stone

Code: [35-1475/10](#)



ADR Touch 2000 Standard Compression Machine with Digital Readout.

Code: 36-3090/01

Product Group: General Purpose Compression Machines

- 2000 kN/450 000 lbf capacity
- Tests 150 and 100 mm concrete cubes or cylinders up to 320 x 160 mm diameter
- Supplied with Windows(R) download software as standard.

Incorporating the ADR Touch digital readout, the machines are designed to test cubes and cylinders in accordance with most International Standards. Supplied fitted for cylinder testing with safety gates. When used for cube testing appropriate distance pieces according to the size of specimen to be tested are required and must be ordered separately.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

The Standard range of compression machines has been designed to meet the need for a simple, economic and reliable means of testing concrete.

Whilst delivering all the features and reputation of the established ADR Series with its extensive design history, the new and improved user interface provides a high quality platform for testing that enhances the performance of ELE's compression machines.

New, sophisticated electronics further the benefits of simplified operation, whilst delivering the highest levels of accuracy in testing concrete and cement/mortar samples, satisfying the needs of Quality Control Managers, Lab Managers and Technicians.

ACCURACY & SAVINGS

The new ADR Touch Series, with 145mm (5.7") high resolution QVGA touch screen interface and intuitive menu-driven operation, reduces the time taken to set up the machine and perform tests, reducing the time to train staff by up to 25%.

- Up to 6 sample types can be set as favorites, enabling one-touch set up for repeat testing.
- Full, QWERTY touch pad for input of test data.

Most testing errors produce lower strength results. Noncompliant loading rates can generate errors in measured strength. The user interface includes real-time display of load vs. time, further ensuring accurate and consistent test results and providing "goodness of test" data to improve traceability in your QC operations.

TRACEABILITY & DATA QUALITY

The ADR range now provides improved data quality and traceability in due diligence cases - it is now possible to demonstrate traceability all the way from the machine/user to the accreditation body, increasing your reputation and peace of mind - all test results now come complete with the machine serial number attached.

- Enhanced USB data communications between PC and machine - eliminating the need for download software.

- Two gigabytes of storage memory.
- Full customization of sample sizes - stress calculations are automatically recalculated.

USER SAFETY

With full safety gates as standard, total systems diagnostics, ram run-out switches and overload warnings ensure the safety of your employees and the reliability of your machine.

Specification

Testing Standards	BS EN ISO 7500-1, ASTM E4
Capacity	2000 kN
Cubes (Concrete)	Up to 150 mm
Cylinders (Concrete)	Up to 160 x 320 mm
Blocks	n/a
Flexural Testing	Via Flexural Frame
TFV and ACV	Yes
Voltage Supply	220-240V 50/60 Hz 1Ph.
Frame Type	Welded
Max vert. Clearance	340 mm
Max hor. Clearance	325 mm
Platen Sizes	Lower, Upper 222 mm
Max Ram Travel	50 mm

Spares/Consumables



Pressure transducer, 0-700bar, 0.05 to 10v DC Output

Code: [6014A0062](#)



Automatic/Manual 5 litre nominal capacity Mortar Mixer

Code: 39-0035/01

Product Group: Automatic/Manual 5 Litre Nominal Capacity Mortar Mixer

- New Microprocessor control
- New mix program selector
- Complies with latest EN Standards update
- Choice of automatic mixing cycles
- Sand and water dispenser supplied as standard

This mixer is designed to mix mortars and cement pastes to the requirements of the above Standards. The mixing paddle has a planetary motion and is driven by a motor with a microprocessor based speed and program controller. The mixer can be operated either in an automatic or manual mode. When the mixer is used in the manual mode, the two mixing speeds can be changed by means of a rocker switch, without switching off the motor. In the automatic mode any one of the preset mixing programs may be selected.

Standards

EN 196-1, EN 196-3, EN 413-2, EN 459-2, EN 1744-1, EN 13279-2, EN 1015-2, EN 13395-1, EN 13454-2, ISO 679, BS 3892-1, BS 3892-3, BS 6463-103, BS 4551-1

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Complete with bowl and paddle, sand and Water dispensers. For 220 - 240 V AC, 50 - 60 Hz, 1 ph.

Specification

Dimensions (l x w x h)	530 x 350 x 580 mm
Speeds (rpm) Low, High	Paddle: 140 ± 5, 285 ± 10 Mixing Head: 62 ± 5, 125 ± 10
Rated Power	180 W
Bowl Capacity	5 litres approx.
Weight	54 kg

Spares/Consumables



Bowl

Code: [39-0031/11](#)



Paddle

Code: [39-0031/10](#)



Pundit Lab Ultrasonic Concrete Tester 110-240V 50/60Hz 1Ph

Code: [35-2302/09](#)

Product Group: [Pundit Lab](#), [Pundit Lab Ultrasonic Concrete Test](#)

Pundit Lab is the most versatile Pundit to date. It has all the functions of the classic Pundit 7, but offers additional benefits.

Designed with laboratory use in mind, its compact size, rugged construction and optimized power consumption make it equally suitable for on-site use.

Along with the traditional transit time and pulse velocity measurement, Pundit Lab offers path length measurement, perpendicular crack depth measurement and surface velocity measurement.

Optimized pulse shaping gives greater transmission range at lower voltage levels. This coupled with automated combination of the transmitter voltage and the receiver gain ensures an optimum received signal level, ensuring accurate and stable measurements.

The waveform can be viewed either via an external oscilloscope connection or directly on a connected PC screen.

Full remote control capability completes the package.

Complete with two 54 kHz transducers each with 3.6 metres of cable, coupling agent, carrying case and instruction manual.

Standards

BS 1881-203, EN 12504-4, ASTM C597, D2845

Further Information

For 110 - 240 V AC, 50 - 60 Hz, 1 ph.

Spares/Consumables



Ultrasound Couplant Supplied In 250ml bottle

Code: [35-2305](#)



Ultrasound Couplant Supplied In 250ml bottle

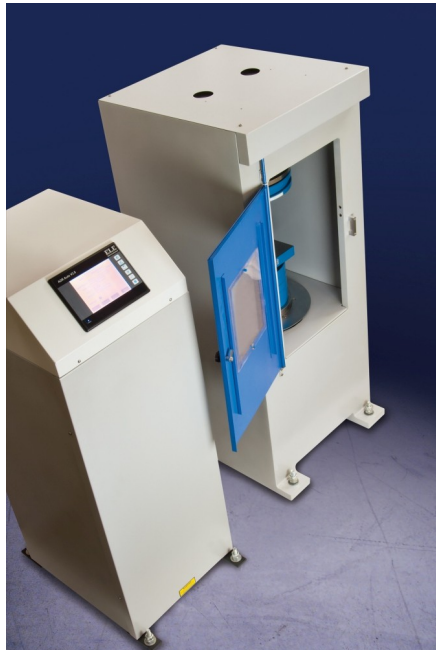
Code: [35-2305](#)

Product Group: [Pundit Lab](#)

Thick Grade

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



ADR-Auto V2.0 3000 BS EN Compression Machine

Code: [36-4165/01](#)

Product Group: [BS EN Compression Machines](#)

The ADR-Auto V2.0 3000 BS EN is supplied complete with self-centring lower platen and safety gates fitted with interlock switches ready for testing 300 x 150 mm diameter cylinders. When used for cube testing Distance pieces (EN) of the appropriate size must be ordered separately.

Standards

EN 12350-6, NF P18-411

Further Information

****Not available for sale in the USA****

Whilst delivering all of the features and reputation of the established ADR-Auto V2.0 range with its 20 year design history, the new and improved user interface provides a high quality platform for testing that will enhance the performance of our compression machines. New, sophisticated electronics further the benefits of a closed-loop operation in testing concrete and cement/ mortar samples, satisfying the requirements of Quality Control Managers, Lab Managers and Technicians alike.

ACCURACY & SAVINGS

The NEW ADR-Auto V2.0 range, with 145mm (5.7") touch screen interface and intuitive menu driven operation reduces the time taken to set up the machine and perform tests, reducing the time to train staff by up to 25%. Most testing errors produce lower strength results. Noncompliant loading rates can generate errors in measured strength. With the latest closed-loop technology used in the ADR-Auto V2.0, the most effective cement ratios can be used with confidence.

TRACEABILITY & DATA QUALITY

The ADR-Auto V2.0 now provides improved data quality and traceability in due diligence cases - it is now possible to display traceability all the way from the machine/user to the accreditation body, increasing your reputation and peace of mind - all test results now come complete with the machine serial number attached. Prove your service quality - the ADR-Auto V2.0 now plots load vs time in real-time, proving full compliance to the testing standard. This data can be stored for later use or for detailed analysis of the concrete production.

USER SAFETY

Full safety gates as standard, total systems diagnostics, ram run-out switches and overload warnings ensure the safety of your employees and the reliability of your machine.

Specification

Testing Standards	BS EN 12390, BS EN 12390-3, BS EN 12390-4, BS EN 12390-5, EN 12504-1, EN 1354, EN 1521, EN 3161, EN 1338, EN 772-6, EN 13286-41, BS 3892-3, BS 187, BS 6717, BS EN ISO 7500-1, ASTM E4
Capacity	3000 kN
Cubes (Concrete)	Up to 200 mm
Cylinders (Concrete)	Up to 160 x 320 mm
Blocks	Via optional Platen Handling System
TFV and ACV	Yes
Voltage Supply	220-240 V 50 Hz 1 Ph
Frame Type	Welded
Max vert. Clearance	340 mm
Max hor. Clearance	355 mm
Platen Sizes	Lower 220mm sq, Upper 300mm dia
Max Ram Travel	50 mm

Spares/Consumables



Pressure transducer, 0-700bar, 0.05 to 10v DC Output

Code: [6014A0062](#)



Clamped Boss Load Ring - 3.0 kN

Code: 78-0160

Product Group: Clamped Boss Load Rings, Digital
Tritest 50 Load Frame, Direct/Residual Shear
Apparatus, Proving Rings, Measurement of Load
(Shear Stress)

Standards

BS 1377, ASTM D3080

Specification

Capacity: kN, kgf, lbf	3.0, 300, 650
Typical Design sensitivity: N/div, kgf/div, lbf/div	2.0, 0.20, 0.43
Overall height mm	248
Approx weight kg	3.3
Capacity - lbf	1,000
Capacity - kN	3
Capacity - kgf	300
Typical Design Sensitivity - lbf/div	0.43
Typical Design Sensitivity - kN/div	2
Typical Design Sensitivity - Kgf/div	0.2
Overall Height	9.76" (248 mm)
Approx Weight	7.3 lbs.(3.3 kg)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: 78-5461



Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)

Product Group: [Clamped Boss Load Rings](#), [Digital Tritest 50 Load Frame](#), [Proving Rings](#), [Force measurement](#)

Specification

Capacity: kN, kgf, lbf	10.0, 1000, 2250
Typical Design sensitivity: N/div, kgf/div, lbf/div	7.7, 0.77, 1.73
Overall height mm	248
Approx weight kg	4.6
Capacity	10 kN
Value of CBR	8% to 40%
Capacity - lbf	2,250
Capacity - kN	10
Capacity - kgf	1,000
Typical Design Sensitivity - lbf/div	1.73
Typical Design Sensitivity - kN/div	7.7
Typical Design Sensitivity - Kgf/div	0.77
Overall Height	9.76" (248 mm)
Approx Weight	10.1 lbs.(4.6 kg)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: [78-5461](#)



Clamped Boss Load Ring - 28.0 kN

Code: 78-0760

Product Group: Clamped Boss Load Rings, Digital Tritest 50 Load Frame, Proving Rings, CBR-Test 50 Machine, Conversion of In-situ to Laboratory CBR, CBR Loading Press, Hand-Operated, Force measurement, Load Measurement, Load Measurement

Standards

BS 1377, BS 1924

Specification

Capacity: kN, kgf, lbf	28.0, 2800, 6000
Typical Design sensitivity: N/div, kgf/div, lbf/div	25.5, 2.54, 5.45
Overall height mm	248
Approx weight kg	5.4
Capacity	28 kN
Value of CBR	Average range of CBR
Capacity - lbf	6,000
Capacity - kN	28
Capacity - kgf	2,800
Typical Design Sensitivity - lbf/div	5.45
Typical Design Sensitivity - kN/div	25.5
Typical Design Sensitivity - Kgf/div	2.54
Overall Height	9.76" (248 mm)
Approx Weight	11 .9 lbs.(5.4 kg)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: 78-5461



50kN Clamped Boss Load Ring

Code: 78-0860

Product Group: Clamped Boss Load Rings, Digital Tritest 50 Load Frame, Load Measurement, Proving Rings, Accessories for the Marshall test, CBR-Test 50 Machine, Load Measurement, CBR Loading Press, Hand-Operated, Force measurement, Marshall Stability Tester

Calibrated in compression.

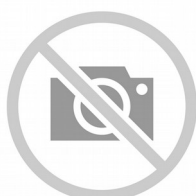
Standards

EN 12697-34

Specification

Capacity: kN, kgf, lbf	50.0, 5000, 11,200
Typical Design sensitivity: N/div, kgf/div, lbf/div	45.5, 4.54, 10.18
Overall height mm	248
Approx weight kg	7.9
Value of CBR	Above 40%
Capacity - kN	50
Capacity - kgf	5000
Capacity - lbf	11,200
Typical Design Sensitivity - kN/div	45.5
Typical Design Sensitivity - Kgf/div	4.54
Typical Design Sensitivity - lbf/div	10.18
Overall Height	9.76" (248 mm)
Approx Weight	17.4 lbs.(7.9 kg)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: 78-5461



50 Litre Drying Oven

Code: [78-1215/01](#)

Product Group: [Oven Drying Method](#), [Oven Drying Method](#), [Oven Drying Method](#)

Standards

BS 2648, BS 598, BS 1377, BS 1924

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



100 Litre Drying Oven

Code: [78-1225/01](#)

Product Group: [Oven Drying Method](#), [Oven Drying Method](#), [Oven Drying Method](#)

Standards

BS 2648, BS 598, BS 1377, BS 1924

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



150 Litre Drying Oven

Code: [78-1235/01](#)

Product Group: [Oven Drying Method](#), [Oven Drying Method](#), [Oven Drying Method](#)

Standards

BS 2648, BS 598, BS 1377, BS 1924

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



225 Litre Drying Oven

Code: 78-1250/01

Product Group: Percentage Refusal Density (PRD),
Oven Drying Method, Oven Drying Method, Oven
Drying Method

Standards

EN 12697-32, EN 13280-4, BS 598-104, BS 1377

Specification

Capacity	225 litres
External Dimensions (l x w x h)	540 x 1040 x 940
Internal Dimensions (l x w x h)	440 x 920 x 600
Fluctuation	$\pm 0.75^{\circ}\text{C}$
Rated power heater elements	2000 W
Shelves supplied	3
Shelf positions	4
Weight	80 kg



8in Dia ASTM Sieve 75 Mic Stainless Steel Mesh.

Code: 79-5260

Product Group: U.S. Standard Testing Sieves, 8"
Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8"
Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 1 lb. (453 g).
Sieve Size or Number	No. 200
Sieve Opening Standard	75 um
Sieve Opening Alternative (in.)	0.0029



8in Dia ASTM Sieve 150 Mic Stainless Steel Mesh.

Code: 79-5220

Product Group: U.S. Standard Testing Sieves, 8"
Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8"
Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 1 lb. (453 g).
Sieve Size or Number	No. 100
Sieve Opening Standard	150 μ m
Sieve Opening Alternative (in.)	0.0059



8in Dia ASTM Sieve 600 Mic Stainless Steel Mesh.

Code: 79-5140

Product Group: U.S. Standard Testing Sieves, 8"
Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8"
Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 1 lb. (453 g).
Sieve Size or Number	No. 30
Sieve Opening Standard	600 um
Sieve Opening Alternative (in.)	0.0234



8in Dia ASTM Sieve 1.18mm Stainless Steel Mesh.

Code: 79-5100

Product Group: U.S. Standard Testing Sieves, 8"
Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8"
Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/8" (51 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 1 lb. (453 g).
Sieve Size or Number	No. 16
Sieve Opening Standard	1.18 mm
Sieve Opening Alternative (in.)	0.0469



8in Dia ASTM Sieve 2.80mm Stainless Steel Mesh.

Code: [79-5050](#)

Product Group: [8" Diameter ASTM Sieves](#), [8" Diameter ASTM Sieves](#), [8" Diameter ASTM Sieves](#)

Standards

ASTM E11

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



8in Dia ASTM Sieve 4.75mm Stainless Steel Mesh.

Code: 79-5020

Product Group: U.S. Standard Testing Sieves, 8"
Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8"
Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 1 lb. (453 g).
Sieve Size or Number	No. 4
Sieve Opening Standard	4.75 mm
Sieve Opening Alternative (in.)	0.187



8in Dia ASTM Sieve 9.50mm Stainless Steel Mesh.

Code: 79-5510

Product Group: U.S. Standard Testing Sieves, 8"
Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8"
Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/8" (51 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 1 lb. (453 g).
Sieve Size or Number	3/8"
Sieve Opening Standard	9.5 mm
Sieve Opening Alternative (in.)	0.375



12in Dia ASTM Sieve 2.36mm Stainless Steel Mesh.

Code: 79-5860

Product Group: 12" Diameter ASTM Sieves, U.S.
Standard Testing Sieves, 12" Diameter ASTM Sieves,
12" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 3-1/4" (82.5 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 4 lbs. (1.8 kg).
Sieve Size or Number	No. 7
Sieve Opening Standard	2.36 mm
Sieve Opening Alternative (in.)	0.0937



12in Dia ASTM Sieve 4.75mm Stainless Steel Mesh. Non Standard Frame.

Code: 79-5820

Product Group: 12" Diameter ASTM Sieves, U.S.
Standard Testing Sieves, 12" Diameter ASTM Sieves,
12" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 3-1/4" (82.5 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 4 lbs. (1.8 kg).
Sieve Size or Number	No. 4
Sieve Opening Standard	4.75 mm
Sieve Opening Alternative (in.)	0.187



12in Dia ASTM Sieve 9.50mm Stainless Steel Mesh.

Code: 79-6210

Product Group: 12" Diameter ASTM Sieves, U.S.
Standard Testing Sieves, 12" Diameter ASTM Sieves,
12" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 3-1/4" (82.5 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 4 lbs. (1.8 kg).
Sieve Size or Number	3/8"
Sieve Opening Standard	9.5 mm
Sieve Opening Alternative (in.)	0.375



12in Dia ASTM Sieve 13.2mm Stainless Steel Mesh.

Code: [79-6240](#)

Product Group: [12" Diameter ASTM Sieves](#), [12" Diameter ASTM Sieves](#), [12" Diameter ASTM Sieves](#)

Standards

ASTM E11

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



12in Dia ASTM Sieve 16.0mm Stainless Steel Mesh.

Code: 79-6250

Product Group: 12" Diameter ASTM Sieves, U.S.
Standard Testing Sieves, 12" Diameter ASTM Sieves,
12" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 3-1/4" (82.5 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 4 lbs. (1.8 kg).
Sieve Size or Number	5/8"
Sieve Opening Standard	16.0 mm
Sieve Opening Alternative (in.)	0.625



12in Dia ASTM Sieve 19.0mm Stainless Steel Mesh.

Code: 79-6260

Product Group: 12" Diameter ASTM Sieves, U.S.
Standard Testing Sieves, 12" Diameter ASTM Sieves,
12" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 3-1/4" (82.5 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 4 lbs. (1.8 kg).
Sieve Size or Number	3/4"
Sieve Opening Standard	19.0 mm
Sieve Opening Alternative (in.)	0.75



12in Dia ASTM Sieve 26.5mm Stainless Steel Mesh.

Code: [79-6290](#)

Product Group: [12" Diameter ASTM Sieves](#), [12" Diameter ASTM Sieves](#), [12" Diameter ASTM Sieves](#)

Standards

ASTM E11

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



12in Dia ASTM Sieve 31.5mm Stainless Steel Mesh.

Code: 79-6300

Product Group: 12" Diameter ASTM Sieves, U.S.
Standard Testing Sieves, 12" Diameter ASTM Sieves,
12" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 3-1/4" (82.5 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 4 lbs. (1.8 kg).
Sieve Size or Number	1-1/4"
Sieve Opening Standard	31.5 mm
Sieve Opening Alternative (in.)	1.25



12in Dia ASTM Sieve 37.5mm Stainless Steel Mesh.

Code: 79-6310

Product Group: 12" Diameter ASTM Sieves, U.S.
Standard Testing Sieves, 12" Diameter ASTM Sieves,
12" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 3-1/4" (82.5 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 4 lbs. (1.8 kg).
Sieve Size or Number	1-1/2"
Sieve Opening Standard	38.1 mm
Sieve Opening Alternative (in.)	1.5



12in Dia ASTM Sieve 53.0mm Stainless Steel Mesh.

Code: [79-6340](#)

Product Group: [12" Diameter ASTM Sieves](#), [12" Diameter ASTM Sieves](#), [12" Diameter ASTM Sieves](#)

Standards

ASTM E11

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



12in Dia ASTM Sieve 63.0mm Stainless Steel Mesh

Code: 79-6350

Product Group: 12" Diameter ASTM Sieves, U.S.
Standard Testing Sieves, 12" Diameter ASTM Sieves,
12" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 3-1/4" (82.5 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 4 lbs. (1.8 kg).
Sieve Size or Number	2-1/2"
Sieve Opening Standard	63 mm
Sieve Opening Alternative (in.)	2.5



12in Dia ASTM Sieve 75.0mm Stainless Steel Mesh.

Code: 79-6360

Product Group: 12" Diameter ASTM Sieves, U.S.
Standard Testing Sieves, 12" Diameter ASTM Sieves,
12" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 3-1/4" (82.5 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 4 lbs. (1.8 kg).
Sieve Size or Number	3"
Sieve Opening Standard	75 mm
Sieve Opening Alternative (in.)	3



12in Dia ASTM Sieve 90.0mm Stainless Steel Mesh. Non Standard Frame.

Code: 79-6370

Product Group: 12" Diameter ASTM Sieves, U.S.
Standard Testing Sieves, 12" Diameter ASTM Sieves,
12" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 3-1/4" (82.5 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 4 lbs. (1.8 kg).
Sieve Size or Number	3-1/2"
Sieve Opening Standard	90 mm
Sieve Opening Alternative (in.)	3.5



ELE Concrete Mixer 56/40 Litre Capacity.

Code: [34-3540/01](#)

Product Group: [ELE Concrete Mixer](#)

- Portable and compact
- Tipping mechanism
- Adjustable blades
- Simple to clean and maintain

It is essential that the mixing of fresh concrete for laboratory test samples is thorough and consistent. The ELE Concrete Mixer is ideally suited for this purpose.

The mixer has been developed to give efficient mixing of both wet and dry materials. The mixing pan is removable and tilts for easy access to the pan and emptying on completion of the mixing operation. It is rotated by a turntable driven by a 1500 W, IP55 protected electric motor.

The mixer head lifts clear to provide maximum access to the pan and holds the mixing blades at a constant depth during the mixing operation. The blades are readily adjusted to suit the different types and volume of materials to be mixed.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

220 - 240 V AC, 50 Hz, 1 ph.